

# Knobbe Martens Olson & Bear LLP

Intellectual Property Law

10/561363

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IAP9 Rec'd PCT/PTO 19 DEC 2005

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Patent Scientist

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Commissioner for Patents  
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Alexandria, VA 22313-1450

## SUBMISSION BY "EXPRESS MAIL"

**Attorney Docket No.** : HOIB2.001APC

**Applicants** : Laurits Lydehøj Hansen, Mogens T. Jensen,  
Derek Byrne, Allan Roepstorff, Stig Milan  
Thamsborg, and Helena Mejer

**For** : METHODOLOGIES FOR IMPROVING THE  
QUALITY OF MEAT, HEALTH STATUS OF  
ANIMALS AND IMPACT ON ENVIRONMENT

**Agent** : Suzanne G. Jepson

**"Express Mail" Label No.** : EV 465553242

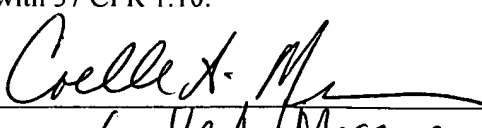
**Date of Deposit** : December 19, 2005

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; copy of International Application as published; copy of PCT/IB/304; copy of International Search Report dated August 25, 2004; copy of Written Opinion of ISA dated August 25, 2004; copy of letter to IPEA dated January 24, 2005 with Demand and amended set of claims; copy of Written Opinion of IPEA dated June 29, 2005; copy of Response to Written Opinion with amended claims dated July 18, 2005; copy of IPRP dated September 6, 2005; Petition for Revival; copy of Preliminary Amendment in 6 pages; Abstract; Check for Filing Fees; Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.

  
Name: Coelle A. Messer  
Docketing Agent

2081107:dmb - 112105

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619-235-8550

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<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: HOIB2.001APC First Named Inventor: Laurits Lydehøj Hansen Int'l Application No.: PCT/EP2004/050355 Int'l Filing Date: March 24, 2004 Priority Date Claimed: March 25, 2003 Title: METHODOLOGIES FOR IMPROVING THE QUALITY OF MEAT, HEALTH STATUS OF ANIMALS AND IMPACT ON ENVIRONMENT Express Mail Label No.: EV 465553242 US
<b>Direct all correspondence to Customer No.: 20995</b> <div style="text-align: right;">Date: December 19, 2005 Page 1 of 3</div>	

**Mail Stop PCT**

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The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

- |                           |                     |
|---------------------------|---------------------|
| 1. Laurits Lydehøj Hansen | 2. Mogens T. Jensen |
| 3. Derek Byrne            | 4. Allan Roepstorff |
| 5. Stig Milan Thamsborg   | 6. Helena Mejer     |

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) An English translation of the International Application as filed is not required.
- (X) A copy of the International Application as published.
- (X) A copy of Notification Concerning Submission or Transmittal of Priority Document, Form PCT/IB/304.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have been communicated by the International Bureau.
- (X) An International Search Report, Form PCT/ISA/210, dated August 25, 2004.
- (X) A Written Opinion of the International Searching Authority, Form PCT/ISA/237, dated August 25, 2004.
- (X) A letter to the International Preliminary Examining Authority dated January 24, 2005, with the following enclosures:
  - (X) Demand under Article 31 PCT.
  - (X) Amended set of claims.
- (X) A Written Opinion of the International Preliminary Examining Authority (PCT Rule 66), Form PCT/IPEA/408, dated June 29, 2005.
- (X) A Response to Written Opinion with amended claims, dated July 18, 2005.
- (X) An International Preliminary Report on Patentability, Form PCT/IPEA/409, dated September 6, 2005.

10/561363

APR 19 2005 PCT/PTO 19 DEC 2005

<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: HO1B2.001APC First Named Inventor: Laurits Lydehoj Hansen Int'l Application No.: PCT/EP2004/050355 Int'l Filing Date: March 24, 2004 Priority Date Claimed: March 25, 2003 Title: METHODOLOGIES FOR IMPROVING THE QUALITY OF MEAT, HEALTH STATUS OF ANIMALS AND IMPACT ON ENVIRONMENT Express Mail Label No.: EV 465553242 US
<b>Direct all correspondence to Customer No.: 20995</b>	
Date: December 19, 2005 Page 2 of 3	

**OTHER APPLICATION PARTS:**

- (X) Petition for Revival of an International Application for Patent Designating the U.S. Abandoned Unintentionally Under 35 CFR 1.137(b) along with the petition fee of \$1,500.00 (included with filing fee).
- (X) Preliminary Amendment in 6 pages.
- (X) An Abstract.
- (X) Return prepaid postcard.


**FILING FEES:**

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$ 300
Search Fee under 1.492(b) <i>(enter one in TOTAL column)</i>				\$ 400
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$ 0)		
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) <i>(enter one in TOTAL column)</i>				\$ 200
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$ 0)		
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	10 - 20 = 0	1615 (\$ 50)	0 x 50 =	\$ 0
Excess Ind. Claims	3 - 3 = 0	1614 (\$200)	0 x 200 =	\$ 0
Application Size Fee	127 - 100 =	1681 (\$250)	1 x 250 =	\$ 250
Fee for Petition for Revival		1453 (\$1,500)		\$1,500
			<b>TOTAL FEE DUE</b>	<b>\$2,650</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>\$2,650</b>

- (X) A check in the amount of **\$2,650** to cover the Total Fee Due is enclosed.

<p><b>NATIONAL PHASE UTILITY APPLICATION</b> <b>Transmittal to the (DO/EO/US)</b> <b>Under 35 USC 371</b></p>	<p>Attorney Docket No.: HOIB2.001APC First Named Inventor: Laurits Lydehoj Hansen Int'l Application No.: PCT/EP2004/050355 Int'l Filing Date: March 24, 2004 Priority Date Claimed: March 25, 2003 Title: METHODOLOGIES FOR IMPROVING THE QUALITY OF MEAT, HEALTH STATUS OF ANIMALS AND IMPACT ON ENVIRONMENT Express Mail Label No.: EV 465553242 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b> Date: December 19, 2005 Page 3 of 3</p>	

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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